

Gwent Electronic Materials C2100303D2 Aluminium Paste

Category : Fluid , Metal , Other Engineering Material , Ceramic/Metallic Coating

Material Notes:

This product has been designed as a low temperature fireable aluminum paste. It is a screen printing ink for coating barium titanate PTC ceramic substrates. Screen Printing Equipment: semi-automatic, manual Screen Types: stainless steel, polyester, mesh 156-325
Substrate: Barium Titanate PTC ceramic parts
Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2100303D2-Aluminium-Paste.php

Physical Properties	Metric	English	Comments
Viscosity	13000 - 17000 cP	13000 - 17000 cP	Haake VT 550 PK1.1 Å°
	@Shear Rate 230 1/s, Temperature 25.0 Å°C	@Shear Rate 230 1/s, Temperature 77.0 Å°F	
Storage Temperature	20.0 Å°C	68.0 Å°F	sealed container

Component Elements Properties	Metric	English	Comments
Aluminum, Al	52 %	52 %	theoretical
Silver, Ag	2.0 %	2.0 %	theoretical

Processing Properties	Metric	English	Comments
Sintering Temperature	700 - 720 Å°C	1290 - 1330 Å°F	
Cure Time	15.0 min	0.250 hour	
	@Temperature 150 Å°C	@Temperature 302 Å°F	
Shelf Life	6.00 Month	6.00 Month	

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